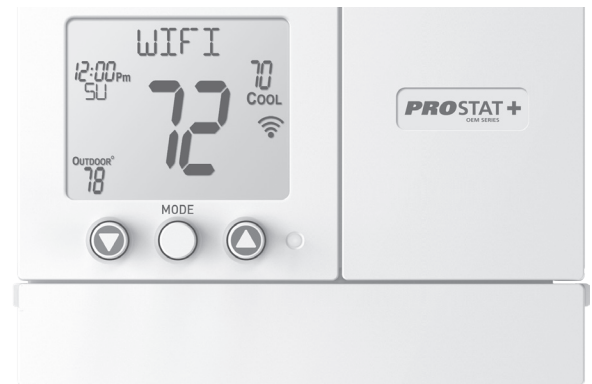# PROSTAT™ +
OEM SERIES

MODEL PSP4272

PREMIUM RESIDENTIAL 7 DAY
PROGRAMMABLE THERMOSTAT
UP TO 4 TIME PERIODS PER DAY
UP TO 4 HEAT / 2 COOL UNIVERSAL

Standard Features:

- Controls up to 4 heat & 2 cool stages
- Control to or monitor a 2nd temp sensor
  - Supply air or extra room, etc.
- Set point limiting
- Adjustable deadbands & timers
- Hi/low outdoor temps for the day
- Programmable fan
- Smart recovery
- Gas/electric or heat pump – Multi-stage
- "Simple as you want Operation™"
  - Switchable: programmable or non-programmable
  - Choose 7-day, 5+2 day or 1-day programming
  - Switchable: auto changeover, or heat, or cool only
- Large, easy to read display
- Scrolling display makes setup easy
- Adjustable backlight intensity
- Backlit, color coded buttons and legends
- Choice of English, Spanish or French for scrolling display
- Bi-color LED indicates a heating or cooling demand
- Dry contact input
- Outdoor sensor ready
- Fahrenheit or Celsius display
- Compatible with condensate overflow warning systems
  – lockout compressor with message on the display
- Service alert indicators
- Non-volatile memory
- Keypad lock
- Wireless connectivity with optional accessory
- Title 24 compliant
- ADR (Automated Demand Response) ready
- FDD (Equipment Fault Protection) notification
- API for 3rd party monitor and control
- Night dimmer for brightness control in sensitive areas at night
- Configurator app to easily setup Wi-Fi and thermostat settings
- Accessories: PSPAC-PWF WiFi Module,
  PSPAC-OS Remote Sensor, PSPAC-WP Wall Plate

TERMINAL DESIGNATIONS

Terminal Designations	
R	24 VAC Return
G	Fan Relay
W1/O/B	1st Stage Heat Circuit or reversing valve
W2	2nd Stage Heat Circuit
Y1	1st Stage Compressor Relay
Y2	2nd Stage Compressor Relay
W3	3rd Stage Heat Circuit
C	24 VAC Common
Outdoor Sensor	Outdoor Sensor Connections
Remote Sensor	Remote Sensor Connections
Dry Contact	Dry Contact Connections

PRODUCT SPECIFICATIONS

Product Specifications PSP4272 Conventional (3H/2C) or Heat Pump (4H/2C)	
Electric Rating:	20 – 28 VAC, 5 VA max
Output Rating:	Y1, Y2, G – 0.8A, all others 0.4A 3A total max on all outputs
Control Range:	35° - 99° F (2° - 36° C)
Control Accuracy:	+/- 2° F (+/- 1° C)
Remote Sensor:	(2), 10K NTC thermistor
Outdoor Sensor	(2), 10K NTC thermistor
Inputs:	Dry contact (condensate, twist timer, more)
Outputs:	Y1, Y2, G, W1/O/B, W2, W3, AUX
Connectivity:	2.4 GHz b/g/n optional WiFi module